

## Product datasheet for **TA322639**

### GDNF Receptor alpha 1 (GFRA1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-3000 WB positive control: 293T cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 370-384 amino acids of Human GDNF family receptor alpha 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51 kDa
Gene Name:	GDNF family receptor alpha 1
Database Link:	<a href="#">NP_005255</a> <a href="#">Entrez Gene 14585 Mouse</a> <a href="#">Entrez Gene 25454 Rat</a> <a href="#">Entrez Gene 2674 Human</a> <a href="#">P56159</a>
Background:	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related; potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN; and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene.



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**Synonyms:** GDNFR; GDNFRA; GFR-ALPHA-1; RET1L; RETL1; TRNR1

**Protein Families:** Druggable Genome

**Product images:**



Gel: 10%SDS-PAGE

Lysate: 30 µg

Lane: 293T cells

Primary antibody: TA322639 (GFRA1 Antibody) at dilution 1/1250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute